PATENT IFU TS1260 02 (US) DFH:EM

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APR 1 8 2005

RADENAN

Donald F. Haas Date: April 14, 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

ARIE VAN ZON, ROBERT MOENE, PHILLIP E. UNGER, PETER ARNOLDY, and ERIC J. M. DE BOER

Serial No. 10/668,933

Filed September 23, 2003

PROCESS FOR MAKING A LINEAR ALPHA-OLEFIN OLIGOMER USING A HEAT EXCHANGER April 14, 2005

Group Art Unit: 1764

COMMISSIONER FOR PATENTS P. O. Box 1450 Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.56 AND 1.97

It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. Full text copies of the relevant documents are enclosed.

The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant.

Respectfully submitted,

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Sheet 1 of 1 ATTY, DOCKET NO. APPLICATION NUMBER ORMEPTO-1449 (Modified) 10/668,933 TS1260 02 (US) OF INFORMATION PROVIDED APPLICANT BY APPLICANT A. Van Zon et al. (Use several sheets if necessary) FILING DATE **GROUP ART UNIT** 1764 September 23, 2003 REFERENCE DESIGNATION U.S. PATENT DOCUMENTS Examiner Filing Date Initial Document No. Date Patentee Class Subclass if Appropriate AA 5,198,563 3/30/93 556 57 Reagen et al. 2/22/9 526 AB 5,288,823 124 Reagen et al. AC 5.382,738 1/17/95 Reagen et al. 585 512 AD 5,550,305 8/27/96 Wu 585 513 FOREIGN PATENT DOCUMENTS 1.50 Complete State of the State of **Translation** Class Document No. Date **Subclass** Country No AF 135,873 3/4/20 Great Britain 0,611,743 B1 C07C 2/3 AG 7/2/97 Europe WO 99/52631 AH 10/21/99 World B01J 31/18 ΑI WO 02/06192 A1 1/24/02 C07C 2/32 World 0.608,447 A1 1/26/93 C08F AJ Europe 10/00 AK WO 94/25416 11/10/94 World C07C 2/34 AL WO 02/04119 A1 1/17/02 World B01J 31/18 WO 96/27439 9/12/96 World B01J 31/18 AM AN 0.614.865 A1 3/9/94 Europe C07C 2/30 AO JP11049804 2/23/99 C08F 2/00 X Japan OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) W. Kaminsky and M. Arndt-Rosenau, Chemical Background in Applied Homogeneous Catalysis with organometallic Compounds, Ed. B. Cornils, W. A. Herrmann, 2nd Edition, Vol. 1, Ch. 2.3.1.1, pp. 213-AR 230, Wiley-VCH 2002 R.M. Manyik, W.E. Walker, T.P. Wilson, J. Catal., 1977, 47, 197 and J.R. Briggs, Chem. Commun. AS 1989 and cited references AT **EXAMINER** DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.

^{2.} This is not a representation that a search has been made.